

ACADEMY CHARTER FLIGHTS

September 9, 1972—San Francisco to Rome

October 5, 1972—Rome to San Francisco,
with optional passenger pick-ups at
Frankfurt and London.

The price: \$289.00 round trip.

At the time of this printing there are still places available on the Academy charter flight to Rome. All passengers must have been members of the Academy no later than March 7, 1972. The flight will be direct to Rome and on the return flight passengers may board at Rome, Frankfurt or London.

ALSO

A Mediterranean tour and cruise starting at Rome and including the Dalmatian Riviera, Greece and its enchanting isles, a bit of Asia Minor, Vienna, and then meeting the plane in Frankfurt is still available and will cost \$1,508.00 in addition to the \$289.00 charter.

An African safari announced earlier is now completely booked, but there are still a few places on the charter flight and the Mediterranean tour and cruise. You may want to make your own travel arrangements in Europe, simply utilizing the charter flight for economical transportation. Or Bryan International Travel, Inc., our agents for this trip, can make special arrangements for your European travels.



For further information and reservations please contact Bryan International Travel, Inc., 57 Post Street, San Francisco, California 94104 (Phone: 986-0967).

FEBRUARY

at the

CALIFORNIA ACADEMY OF SCIENCES

FEBRUARY MEETINGS (for Members and Their Guests)

DATES & TIMES: Matinee, 2:30 p.m., Wednesday, February 16
Evenings, 8:00 p.m., Wednesday and Thursday, February 16-17

PLACE: May Treat Morrison Auditorium

SPEAKER: Bruce A. Bolt

SUBJECT: "EARTHQUAKE STUDIES TODAY"

Dr. Bolt is Director of the Seismographic Station, Department of Geology and Geophysics, University of California, Berkeley. Considering his position and his training, coupled with the fact that everybody *but everybody* within earshot is fascinated with the subject, it was felt that a membership meeting should be devoted to the subject of earthquakes.

People often ask, "Just how do seismologists study earthquakes and what is the nature of an earthquake observatory?" In fact, the scope of earthquake research ranges from studies of the deep interior of the Earth, to detecting underground nuclear explosions, and to estimating earthquake risk.

The film involved in these presentations, "The Earthquake Observatory," was made at UC two years ago. It traces the continuous monitoring of earthquakes in California since 1887 when the first seismographs in the world were established at Lick Observatory. Today the University has 16 stations in Central and Northern California.

Work at the stations nowadays is concentrated on the origins and mechanisms of earthquakes and the study of Earth structure. Studies have also been made of the pattern of strong ground shaking in the 1906 San Francisco earthquake and more recent shocks such as February 9, 1971 in San Fernando Valley.

Dr. Bolt received his Ph.D. from the University of Sydney, is on the Committee of Seismology of the U.S. National Academy of Sciences, and a member of the Board of Directors, Seismological Society of America.

Three meetings as indicated and your membership card is your admission. For the matinee performance on Wednesday, present it to the door attendant at

the entrance to *Cowell Hall only*. You will be asked to show it again at the entrance to the auditorium. For the evening meetings, arrangements are as they have been in the past: ingress at the main entrance, Cowell Hall; and the rear Planetarium entrance off Middle Drive.

MORRISON PLANETARIUM

"WATCHERS OF THE SKIES" continues in the Theatre of the Stars through February 27, the story of ten perceptive men who looked heavenward over the centuries and changed the course of man's thinking.

Performances daily at 2:00 with evening shows, Wednesday through Sunday, at 8:00. Extra matinees at 3:30 on Saturdays, Sundays and holidays. Closed Monday and Tuesday nights.

Admission: Adults, 18 years and over, \$1.00. Half price for anyone 17 and under.

SPECIAL EXHIBITS

"SEA TERRACE ECOSYSTEM: The Pygmy Forest Staircase," fine color photographs through the courtesy of the California Institute of Man in Nature, Berkeley. A touching depiction of a stretch of the Mendocino coast now under threat of incursion. On display through February 20, Lower Gallery, Cowell Hall.

"THE PARK ENVIRONMENT — A PHOTOGRAPHER'S VIEW." 37 photographs by Mr. M. Woodbridge Williams through the courtesy of the National Park Service. Continues in Lovell White Hall of Man and Nature through March 1.

NEWS and NOTES

LEO GEORGE HERTLEIN, Curator of Geology, Emeritus, died on January 15 after a brief illness. Born at Pratt, Kansas in 1898, he graduated from the University of Oregon in 1922, and obtained his graduate degrees from Stanford University (A.M., 1923; Ph.D., 1929). He was employed at the Academy from 1925 until his retirement in 1970, at which time he was the senior member of the staff.

Dr. Hertlein was universally esteemed among his scientific colleagues. He was author or coauthor of more than 150 scientific papers, many of them of monographic scope. After his retirement from the Academy, he was just as diligent in pursuing his life-long scientific interests as before.

His publications will testify to his ability and devotion as a scientist. What his friends and his associates will long remember are his friendliness, his

quiet kindness, his willingness to take time out from his busy schedule to help a colleague, a student, even the veriest amateur who had a question to ask. His work will go on, and there are many young scientists who will gratefully remember his helpfulness another half-century in the future.

IN OUR ANNOUNCEMENT of the Academy's charter flight to Rome in September of this year, an error was made in the telephone number of Bryan International Travel, Inc., 57 Post Street, San Francisco, as published in the January NEWSLETTER. The proper number is 986-0967. We are sorry for any inconvenience this may have caused.

WHEN NEXT at the Academy, be sure and spend some time examining the refurbished Maude Rex Allen Lamp Collection in Astronomy Hall. You will have a gratifying experience in store for you.

THE DEPARTMENT OF ENTOMOLOGY recently played host to a group of 30 arachnologists at the CAS, the first such aggregation in Bay Area history according to local knowledge. The main purpose of the meeting was to view and discuss a series of excellent color films on spider behavior and ecology produced by Dr. J. A. L. Cooke, Curator of Arachnology at the American Museum of Natural History. Informal discussions of the films were led by Michael Bentzien, Pat Craig and Stanley C. Williams.

The group plans to meet soon again for an informal workshop dealing with methods and problems of arachnid photography.

NEW MEMBERS OF THE ACADEMY

Regular Members

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Mr. Bob Cook
Mr. Bert Crawford
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Mr. John Givens
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Mr. Jeff Hays

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Mr. Alan R. Jacobs
Mrs. Alma Covey Johnson
Mr. W. C. Johnson
Mr. Ivan Keesey
Mr. Edgar M. Kessinger
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Mrs. August Krois
Mr. Lionel Kroner
Miss Miriam Kroner
Lt. Linda L. Lambert
Mr. Alan L. Lovett
Miss Helen MacKinnon
Mr. H. Ross MacMichael
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Mr. Tim Muzio
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Mr. Charles M. Richardson, Jr.
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Dr. Albert Rudnick
Mr. Douglas H. Sangster
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Mrs. Raya W. Smith
Mr. Loren R. Sorenson
Mrs. Hannelore Stubblebine
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Mr. Richard A. McCourt
Mrs. Edith C. McDonald

Miss Mary Katheryn Sanders
Mr. Allen T. Smith, II
Mr. Ron Smith
Mr. & Mrs. Kirk Underhill

Life Members

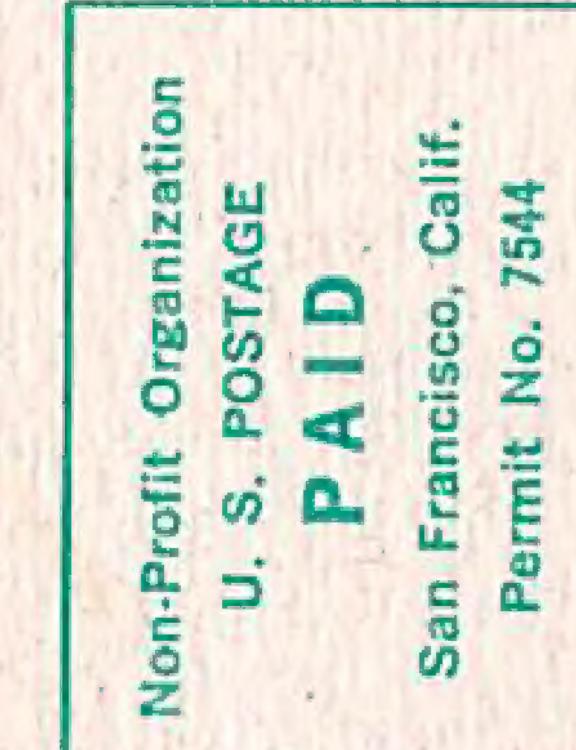
Mr. & Mrs. Paul Brooks
Mr. Newton J. Hale
Mr. Brett M. Ihlen



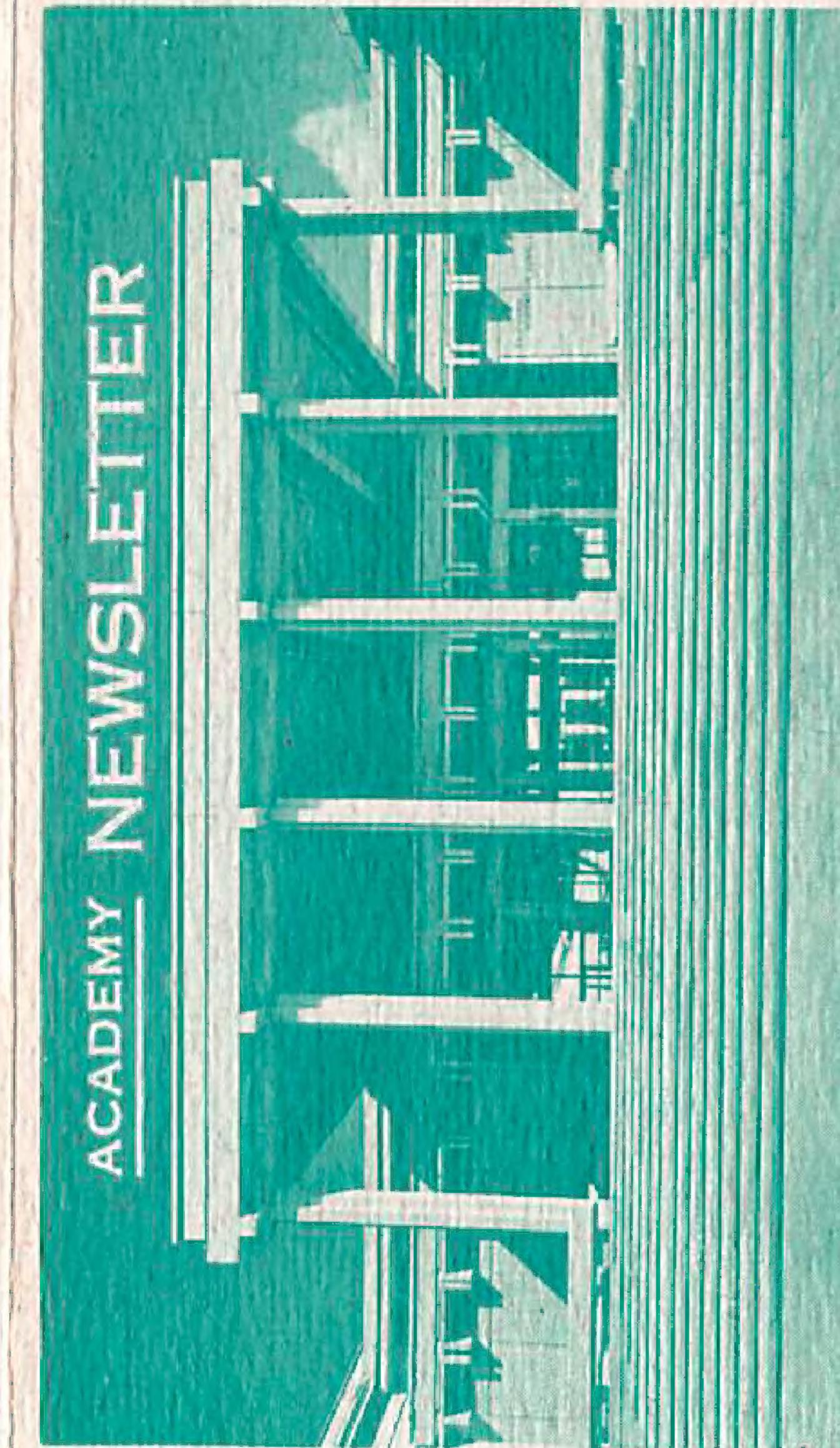
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